

IAP7 Rec'd PCT/PTO 22 AUG 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|-----------------|---|---------------------|-----------------------|
| Application of: | Schadt et al. | Confirmation No.: | 2454 |
| Serial No.: | 10/567,282 national stage filing of PCT/US04/17754 | Art Unit: | <i>To be assigned</i> |
| Filed: | June 4, 2004 | Examiner: | <i>To be assigned</i> |
| For: | COMPUTER SYSTEMS AND METHODS FOR INFERRING CAUSALITY FROM CELLULAR CONSTITUENT ABUNDANCE DATA | Attorney Docket No: | 9301-237-999 |

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS
UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE
(DO/EO/US)**

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

In response to a Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) ("Notification"), mailed March 15, 2006, and in connection with the above-identified application, Applicants submit herewith: (1) a copy of the Notification; (2) a Petition for Extension of Time extending the period of response a total of four months from May 15, 2006 to and including September 15, 2006; (3) a Request to Remove Stephanie Monks as an Inventor and to Add John Lamb as an Inventor; (4) an executed Statement of John Lamb under 37 C.F.R. § 1.497(d)(1); (5) an executed Statement of Stephanie Monks under 37 C.F.R. § 1.497(d)(1); (6) a Declaration for Non-Provisional Patent Application executed by the inventors Eric E. Schadt and John Lamb on August 16, 2006, and August 16, 2006, respectively; (7) a Consent of Assignee to Change of Inventorship Under 37 C.F.R. § 1.497 (d)(3) and Statement Under 37 C.F.R. § 3.73(b) with Exhibit A; (8) an executed Power of Attorney by Assignee; (9) a copy of the executed Assignment being submitted for recordation on even date herewith; (10) an Information

Disclosure Statement; and (11) a List of References Cited by Applicant accompanied by references A14, A15, A16 and B01-B14 and C01-C116.

No fee is believed due for the submission of the Declaration, since a surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date was authorized to be charge to the deposit account of Attorneys for Applicants in the Transmittal Letter to the U.S. Designated/Elected Office (Form PTO-1390) filed on February 3, 2006. However, if the Patent and Trademark Office determines otherwise, please charge the required fee to Jones Day Deposit Account No. 50-3013. A copy of this sheet is enclosed.

Date:

8/22/06

Respectfully submitted,

Brett Jorgensen Reg No. 42,813
for

Adriane M. Antler

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JONES DAY

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Enclosures

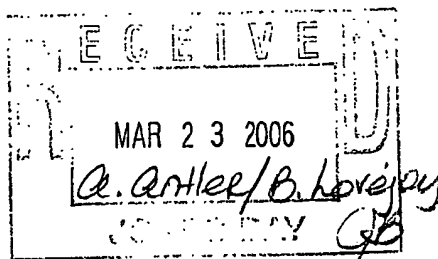


UNITED STATES PATENT AND TRADEMARK OFFICE

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|-----------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO. | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/567,282 ✓ | Eric E. Schadt | ✓9301-237-999 |

20583
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|-------------------------------|---------------|
| INTERNATIONAL APPLICATION NO. | |
| PCT/US04/17754 | |
| I.A. FILING DATE | PRIORITY DATE |
| 06/04/2004 | 08/05/2003 |

CONFIRMATION NO. 2454

371 FORMALITIES LETTER



OC000000018263243

Date Mailed: 03/15/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 02/03/2006
- Copy of the International Search Report filed on 02/03/2006
- Preliminary Amendments filed on 02/03/2006
- Biochemical Sequence Diskette filed on 02/03/2006
- Oath or Declaration filed on 02/03/2006
- Request for Immediate Examination filed on 02/03/2006
- U.S. Basic National Fees filed on 02/03/2006
- Specification filed on 02/03/2006
- Claims filed on 02/03/2006
- Abstracts filed on 02/03/2006
- Drawings filed on 02/03/2006

*Oath/Dec/Fee
due 5-15-06.*

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/567,282 | PCT/US04/17754 | 9301-237-999 |

FORM PCT/DO/EO/905 (371 Formalities Notice)